

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/005104

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41J2/175

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 5 742 312 A (CARLOTTA ET AL) 21 April 1998 (1998-04-21) column 5, line 23 - column 6, line 38 figure 1	1-4,6-9, 11,17 22
X	US 5 010 354 A (COWGER ET AL) 23 April 1991 (1991-04-23) column 2, line 55 - column 5, line 14 figures 1,2	1-5,10, 11,15, 19-21
X	US 6 257 712 B1 (HAIGO HIDEAKI) 10 July 2001 (2001-07-10) column 5, line 64 - column 7, line 35 figures 2,3	1-4, 19-21
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

30/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Didenot, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005104

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001/002137 A1 (UDAGAWA KENTA) 31 May 2001 (2001-05-31) paragraphs '0040! - '0054! figures 2-4 -----	22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/005104

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5742312	A	21-04-1998	JP	8207304 A	13-08-1996
US 5010354	A	23-04-1991	JP	2898746 B2	02-06-1999
			JP	3180357 A	06-08-1991
US 6257712	B1	10-07-2001	JP	11138839 A	25-05-1999
			JP	11198393 A	27-07-1999
US 2001002137	A1	31-05-2001	JP	3286210 B2	27-05-2002
			JP	11010899 A	19-01-1999